



INFORMATION CITED BY APPLICANT(S) THAT MAY BE MATERIAL TO THE
PROSECUTION OF THE SUBJECT APPLICATION

Applicant: J.M. Nuss et al. Attorney Docket No. CHIR122036
Application No.: 10/719,896 Group Art Unit: 1614
Filed: November 21, 2003
Title: SMALL MOLECULE PI 3-KINASE INHIBITORS
AND METHODS OF THEIR USE

U.S. PATENT DOCUMENTS

*Examiner Cite Initials No.	Document No.	Kind Code	Date (mm/dd/yyyy)	Name
<u>WB</u> U1	3,975,384	A	08/17/1976	Narr et al.

FOREIGN PATENT DOCUMENTS

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<u>M</u> F1	EP 0459 830	A1	12/04/1991	EP		
<u>M</u> F2	WO 01/72745	A1	10/04/2001	WO		
<u>M</u> F3	WO 01/83456	A1	11/08/2001	WO	X	
<u>M</u> F4	WO 02/22608	A1	03/21/2002	WO		
<u>M</u> F5	WO 02/062789	A1	08/15/2002	WO		
<u>M</u> F6	WO 02/102313	A2	12/27/2002	WO		
<u>M</u> F7	EP 1 277 738	A1	01/22/2003	EP		
<u>M</u> F8	WO 03/030909	A1	04/17/2003	WO		

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OTHER INFORMATION
(Including Author, Title, Date, Pertinent Pages, Etc.)

*Examiner Initial	Cite No.	
<u>M</u>	O1	Brown, D.M., and George A.R. Kon, "Some Heterocyclic Analogues of Stilbenes," <i>J. Chem. Soc.</i> :2147-2153, 1948.
<u>M</u>	O2	Bundy, G.L., et al., "Synthesis of 2,4-Diaminopyrrolo[2,3- <i>d</i>]Pyrimidines Via Thermal Fischer Indolization. Pyrazole Formation with Ytterbium Triflate Catalysis," <i>J. Heterocyclic Chem.</i> 37:1471-1477, Nov.-Dec. 2000.
<u>M</u>	O3	Bundy, G.L., et al., "Synthesis of Novel 2,4-Diaminopyrrolo[2,3- <i>d</i>]Pyrimidines With Antioxidant, Neuroprotective, and Antiasthma Activity," <i>J. Med. Chem.</i> 38:4161-4163, 1995.
<u>A</u>	O4	Cabaj, J.E., et al., "Bromine-Mediated Addition of Nucleophiles to the Electron-Rich Pyrimidine Subunit of Tirilazad," <i>J. Org. Chem.</i> 59:5090-5092, 1994.
<u>A</u>	O5	Kowalewski, A., et al., "Unfused Hetrobicycles as Amplifiers of Phleomycin. IV 4,5'-Bipyrimidines with Dimethylamino and/or Dimethylaminoethylamino Substituents," <i>Aust. J. Chem.</i> 34(12):2929-2933, 1981.
<u>A</u>	O6	Ouf, A.A. Abou, et al., "Preparation of Some Methyl Pyrimidines Expected to be Antimetabolites," <i>Egypt J. Pharm. Sci.</i> 14(2):180-195, 1973.

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V. Balasubramanian

12/10/05

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*/ M F8 EP 0459 830 A1 12/04/1991 EP				
M F9 WO 02/36586 A1 05/10/2002 WO				

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<u>M</u>	01	Brown, D.M., and George A.R. Kon, "Some Heterocyclic Analogues of Stilbenes," <i>J. Chem. Soc.</i> :2147-2153, 1948.
<u>M</u>	02	Bundy, G.L., et al., "Synthesis of 2,4-Diaminopyrrolo[2,3- <i>d</i>]Pyrimidines Via Thermal Fischer Indolization. Pyrazole Formation with Ytterbium Triflate Catalysis," <i>J. Heterocyclic Chem.</i> 37:1471-1477, Nov.-Dec. 2000.
<u>M</u>	03	Bundy, G.L., et al., "Synthesis of Novel 2,4-Diaminopyrrolo[2,3- <i>d</i>]Pyrimidines With Antioxidant, Neuroprotective, and Antiasthma Activity," <i>J. Med. Chem.</i> 38:4161-4163, 1995.
<u>M</u>	04	Cabaj, J.E., et al., "Bromine-Mediated Addition of Nucleophiles to the Electron-Rich Pyrimidine Subunit of Tirilazad," <i>J. Org. Chem.</i> 59:5090-5092, 1994.
<u>M</u>	05	Kowalewski, A., et al., "Unfused Hetrobicycles as Amplifiers of Phleomycin. IV 4,5'-Bipyrimidines with Dimethylamino and/or Dimethylaminoethylamino Substituents," <i>Aust. J. Chem.</i> 34(12):2929-2933, 1981.
<u>M</u>	06	Ouf, A.A. Abou, et al., "Preparation of Some Methyl Pyrimidines Expected to be Antimetabolites," <i>Egypt J. Pharm. Sci.</i> 14(2):180-195, 1973.

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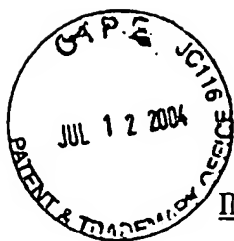
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<u>M</u>	07	Font, D., et al., "Development of an Efficient and Straightforward Methodology Toward the Synthesis of Molecularly Diverse 2,6-Disubstituted 3,4-Dihydropyrimidin-4(3H)-ones, <i>Synthesis</i> 13:1833-1842, September 20, 2002.

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